

## 1.0 **GENERAL**

### 1.1 **DOCUMENTS**

- .1 This section of the Specification forms part of the Contract Documents and is to be read, interpreted, and coordinated with all other parts.

### 1.2 **SUMMARY**

- .1 Section Includes:
  - 1.0 GENERAL
  - 1.1 DOCUMENTS
  - 1.2 SUMMARY
  - 1.3 INTER-BUILDING FACILITIES - OVERVIEW
  - 1.4 COORDINATION WITH UBC UTILITIES
  - 1.5 COORDINATION WITH UBC INFORMATION TECHNOLOGY
  - 1.6 DUCT SELECTION
  - 1.7 CONTRACTOR SUPERVISION
  - 1.8 APPROVED CONTRACTOR LIST – OP FIBRE
  - 1.9 LABELING
  - 1.10 RECORD DRAWINGS
  - 1.11 ENTRANCE CABLE PROTECTORS

### 1.3 **INTER-BUILDING FACILITIES - OVERVIEW**

- .1 When installing cable in empty ducts, the installation of sub-ducting, as directed by the Engineer of Record, is optional. A pull rope shall be installed in each sub-duct or main duct. All pull ropes used when installing cables must be replaced with same or better strength and quality of pull rope, Greenlee 3/4" 2500lb flat pulling rope.
- .2 Provide all necessary record drawings and permits as required by UBC Utilities.
- .3 Provide all required Engineering reports to Information Technology Representative and copy of permits as required.

### 1.5 **COORDINATION WITH UBCO INFORMATION TECHNOLOGY**

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### 1.6 **DUCT SELECTION**

- .1 UBCO Utilities shall provide duct assignments in conjunction with the Information Technologies representative and the Engineer of Record.

**1.7 CONTRACTOR SUPERVISION**

- .1 Engineer of Record shall be responsible for all up to date certification, code and UBC standard compliances.
- .2 Engineer of Record shall provide manhole verifications and installation contractor supervision as required.

**1.8 APPROVED CONTRACTOR LIST – Outside Plant**

- .1 The following Contractors have been pre-approved by UBC Information Technology and are eligible to perform Outside Plant Communications Infrastructure work at the University of British Columbia Okanagan campus:
  - .1 All approved contractors can perform outside plant installations

**1.9 LABELING**

- .1 Fibre Optic Cable: After terminating, the cable shall be identified at the fibre distribution panel with three groups of characters. The first group represents the originating hub-site. The second represents the cable type. The third represents the cables sequential appearance on the originating hub-site frame.
  - i.e. COM-FO-01 represents Commons building, fibre optic cable, #1.
- .2 Color code has to match on both ends inside termination points

**1.10 RECORD DRAWINGS**

- .1 Provide routing and associated Manhole detailed drawings as required. These record drawings must be in the standard UBC Utilities format.
- .2 Provide hard and soft copies to Information Technology Representative.

**1.11 ENTRANCE CABLE PROTECTION**

- .1 Location of entrance facility terminations and protectors in the Main Communications room of a building shall be coordinated with the Information Technology Representative. (Refer to Standard Drawings ITSTD-04, ITSTD-06)

**END OF SECTION 27 05 06**